

Date: Sat, 11 Jun 94 11:00:48 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #652
To: Info-Hams

Info-Hams Digest Sat, 11 Jun 94 Volume 94 : Issue 652

Today's Topics:

 2-way radio
 France & Switzerland (2 msgs)
 Ham license plates in WA
 HF Loop Antennas
 Icom R100
 IPS Daily Report - 10 June 94 (2 msgs)
 License Renewal
 PD Super Station Master 2 meter antenna
 RB329 Declared/Undeclared Emergencies!
 RB 330 RACES Activation
 VHF Maritime Outrage!! (2 msgs)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 11 Jun 1994 00:42:23 GMT
From: ihnp4.ucsd.edu!agate!spool.mu.edu!news.clark.edu!netnews.nwnet.net!
news.u.washington.edu!jguo@network.ucsd.edu
Subject: 2-way radio
To: info-hams@ucsd.edu

Hi,

Can you tell me where to mail-order some 2-way 900MHz or 800 MHz, trunk or
conventional, mobile or portable radio at a discount price?

My local dealer can sell me some at \$500 - \$600, which is a little bit

too expensive for me.

Thanks a lot.

Jun

Date: Fri, 10 Jun 1994 22:22:23 GMT
From: spsgate!mogate!newsgate!nuntius@uunet.uu.net
Subject: France & Switzerland
To: info-hams@ucsd.edu

Help! I am going to France and Switzerland on business soon. If I take my 2-meter HT in my luggage with my American license and NO reciprocal license (there is no time!) what will happen?

Does customs really care, since this radio is used in France and Switzerland on the same band. Can it be contraband? Will I be sent to Haiti or merely caned?

Has any intrepid Ham done this, served his time in "Le Legion Etangere" and returned able and willing to share information with me?

Before anyone asks, yes I called the French consulate in Washington and asked. The Attache for Customs told me "I don't know what will happen, try it and we'll both find out." He would not rule out that it might be confiscated. He also would not rule out that it might be ignored. C'est la vie!

Thank you for any light that you can shed on this dark corner of the civilized world!

Date: Fri, 10 Jun 94 22:32:20 MST
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!newsxfer.itd.umich.edu!zip.eecs.umich.edu!yeshua.marcam.com!news.kei.com!eff!news.duke.edu!news-feed-1.ihnp4.ucsd.edu
Subject: France & Switzerland
To: info-hams@ucsd.edu

Jim Jaskie <jim_jaskie@tempeqm.sps.mot.com> writes:

> Help! I am going to France and Switzerland on business soon. If I take
> my 2-meter HT in my luggage with my American license and NO reciprocal
> license (there is no time!) what will happen?

Why are you taking your 2-meter HT if you do not have a reciprocal license? It's looking for problems at customs if you don't have the appropriate paperwork if they ask.

david

Editor, HICNet Medical Newsletter

Internet: david@stat.com

FAX: +1 (602) 451-1165

Bitnet : ATW1H@ASUACAD

Date: 10 Jun 94 23:44:20 GMT

From: uswnvg!cjackso@uunet.uu.net

Subject: Ham license plates in WA

To: info-hams@ucsd.edu

Greg Moore (UD173191@NDSUVM1.BITNET) wrote:

: Hello all...I'll soon be moving to the Richland, Washington area
: and I was wondering if somebody could tell me what kind of damage
: my wallet is going to take if I want my call letters on my license
: plates. Can somebody give me an idea?

It's not bad at all (\$10 one-time, then normal fees after that - be ready for 'sticker shock' on those, the state collects a HUGE excise tax).

The fun starts when you try to transfer plates - both a friend and I had the experience of having to explain (several times) to the agency doing the transfer that the plates were NOT vanity plates (\$35/year).

Also, at least with my truck (which has a truck license), I get strange looks from meter maids when I park in 'Truck Load' only zones.

Finally, this last year, I went to have my truck emission tested (we have that, too), and they couldn't make my license come up on their computer system - it was hilarious, we had the whole testing station gathered around one terminal, looking for my records. The poor tester kept looking at the plate, and asking me 'Are you sure you need an emissions test? Are you sure those are Washington plates'. They finally put 'NQNMM' on the form, and then hand corrected it - I have no idea what the hassle was really all about.

Welcome to Washington....

--

Clay Jackson - N7QNM

US WEST NewVector Group Inc
Bellevue, WA
uunet!uswnvg!cjackso

Date: Sat, 11 Jun 1994 03:32:01 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!math.ohio-state.edu!
magnus.acs.ohio-state.edu!csn!lwjames@network.ucsd.edu
Subject: HF Loop Antennas
To: info-hams@ucsd.edu

Has anyone done a comparison between the MFJ Super Hi-Q Loop Antenna
and the MFJ IsoLoop antenna for ease of tuning, efficiency, etc.?

Date: Fri, 10 Jun 1994 18:27:45
From: ihnp4.ucsd.edu!agate!usenet.ins.cwru.edu!eff!news.kei.com!ssd.intel.com!
chnews!ornews.intel.com!ccm.hf.intel.com!brett_miller@network.ucsd.edu
Subject: Icom R100
To: info-hams@ucsd.edu

In article <2tasos\$36i@panix.com> adam@panix.com (Adam Epstein) writes:

> So this is a second attempt. I'll also add that I seem to remember
> that there was a series of several Icom wideband receivers (possibly
> including the R1 and the R100) which were not too well received (no
> pun intended). I recall hearing about problems with important
> characteristics like selectivity. Is there any truth to this
> (specifically with respect to the R100)?

I think this scanner is not that popular because of its price/features ratio.
The specs on this unit are great, but HF coverage without SSB is of limited
interest to many. So we are really left with a VHF/UHF scanner. But the R100
isn't much of a scanner, its more of a comm receiver. Programming is typical
Icom - lots of button pushing for simple operations. If I remember correctly
there are no "banks" of channels, which is standard now for scanners. If you
want a small comm receiver, that can scan in a pinch, then this unit is great.

But most people opt to spend more and get the "He-Man" R7100. I have been
tempted to get one several times, but I just don't know what I would use it
for. Listening to satellites while mobile?

Brett Miller N70LQ
Intel Corp.
American Fork, UT

brett_miller@ccm.hf.intel.com

Date: Fri, 10 Jun 1994 23:16:55 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!msuinfo!harbinger.cc.monash.edu.au!
news.cs.su.oz.au!metro!ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report - 10 June 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 10/2330Z JUNE 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 10 JUNE AND FORECAST UP TO 13 JUNE

IPS Warning 16 was issued on 08 June and is current
for interval June 11-13 (coronal hole).

1A. SOLAR SUMMARY

Activity: very low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 085/027

1B. SOLAR FORECAST

	11 June	12 June	13 June
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 085/027

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: quiet to unsettled

Estimated Indices :	A	K	Observed A Index 9 June
Learmonth	13	2234 3323	
Fredericksburg	15		13
Planetary	15		10

Observed Kp for 9 June: 2344 2122

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
------	----	------------

11 Jun 20 Active.
12 Jun 25 Active.
13 Jun 20 Unsettled to active.

2C. MAGNETIC COMMENT

Geomagnetic activity is expected to increase to active levels during the interval June 11-13. This increase in activity is expected due to a coronal hole.

3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
10 Jun	normal	normal	poor-normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
11 Jun	normal	fair	poor
12 Jun	fair	poor	poor
13 Jun	normal	fair	poor

3C. GLOBAL HF PROPAGATION COMMENT

Degraded global HF propagation conditions are expected in association with geomagnetic activity forecast for 11-13 June. (Coronal hole).

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were near predicted monthly values

Observed T index for 10 June: 36

Predicted Monthly T Index for June is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
11 Jun	30	Near predicted monthly values.
12 Jun	20	Near predicted monthly values.
13 Jun	20	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Degraded HF comms expected during interval June 11-13.

--

email: rwc@ips.oz.au fax: +61 2 4148331 |PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329 |West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330 |AUSTRALIA

Date: Fri, 10 Jun 1994 23:19:01 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!msuinfo!harbinger.cc.monash.edu.au!
news.cs.su.oz.au!metro!ipso!rwc@network.ucsd.edu
Subject: IPS Daily Report - 10 June 94
To: info-hams@ucsd.edu

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12 Jun	25	Active.
13 Jun	20	Unsettled to active.

2C. MAGNETIC COMMENT

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11 Jun	normal	fair	poor
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3C. GLOBAL HF PROPAGATION COMMENT

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DATE	T-index	MUFs
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13 Jun	20	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

Degraded HF comms expected during interval June 11-13.

--

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au fax: +61 2 4148331	PO Box 5606
RWC Duty Forecaster tel: +61 2 4148329	West Chatswood NSW 2057
Recorded Message tel: +61 2 4148330	AUSTRALIA

Date: Sat, 11 Jun 1994 02:27:27 GMT
From: elroy.jpl.nasa.gov!usc!howland.reston.ans.net!usenet.ins.cwru.edu!
lerc.nasa.gov!kira.cc.uakron.edu!malgudi.oar.net!witch!doghouse!jsalemi@ames.arpa
Subject: License Renewal
To: info-hams@ucsd.edu

In article <2st93f\$6g7@lace.Colorado.EDU>, Vincent Heuring
(heuring@riker.cs.colorado.edu) writes:

>
>What's the current procedure for renewing my ticket? And how soon
>can I do it before the expiration date?
>

Get a copy of FCC Form 610 from the FCC, the ARRL, or your local ham
club, fill it out, attach a copy of your current license, and send it
in. You should send it in at least 90 days prior to the expiration
date.

73...joe

Joe Salemi, KR4CZ	Internet: jsalemi@doghouse.win.net
Compuserve: 72631,23	FidoNet: 1:109/136 MCI Mail: 433-3961

Date: Fri, 10 Jun 1994 17:59:58 GMT
From: lll-winken.llnl.gov!fnnews.fnal.gov!gw1!cbnewsm!nk30@ames.arpa
Subject: PD Super Station Master 2 meter antenna
To: info-hams@ucsd.edu

We have been dealing with the problems of a top mounted repeater
antenna. We have tried PD SSM, Comet antennas on top with no luck and we are
considering two side mounted PD SSM antennas. The reason for two is to try
to get around the effects of the tower.

Questions:

Anyone have experience doing this?

What method did you use stacked, oppsite sides?

How would you construct the phasing lines?

Thanks for your help

Jeff

NK30

Date: 11 Jun 94 16:21:46 GMT
From: news-mail-gateway@ucsd.edu
Subject: RB329 Declared/Undeclared Emergencies!
To: info-hams@ucsd.edu

Bid: \$RACESBUL.329
Subject: RB329 Declared/Undeclared Emergencies!

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S (@USA: INFORMATION); CAP, MARS
FROM: CA GOVERNORS OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) Ph: 916-262-1600
2800 Meadowview Rd., Sacramento, CA 95832
Landline BBS Open to All: 916-262-1657
RACESBUL.329 RELEASE DATE: June 6, 1994

Subject: OPS- Declared & Undeclared Emergencies

Question: Is a "declared emergency" required for the RACES to be activated?

Answer: "No, that is one of the myths about RACES, and it is NOT true.

The "declared emergency concept" is a fifty-year old hold-over of the long-gone idea that the RACES was to be a special service in which Amateurs would operate in wartime, hence a "declaration" by the president. One has only to read Section 97 to realize that was its genesis.

Today, the understanding and use of the RACES is quite different. It is NOT necessary that there be a declaration of an emergency

in order to activate the RACES. It is activated in countless emergencies without a declaration having proceeded that activation. All it takes is authorization by the person named in the RACES plan for that purpose. A simple "can you call in some of the RACES people" is all it takes.

A declaration, when and if utilized, is to invoke laws such as those that provide access to state or federal funds. If there is no need for that declaration, the agency responds anyway, and so can the RACES. In fact, there are emergency management agencies that activate their RACES the moment they activate any other staff personnel; even in a potential emergency, such as a hazmat spill of unknown materials. Nonetheless, there are still those who carry this idea firmly entrenched in their minds as the result of misinformation in various publications, so the situation warrants review.

Date: 11 Jun 94 16:22:42 GMT
From: news-mail-gateway@ucsd.edu
Subject: RB 330 RACES Activation
To: info-hams@ucsd.edu

Bid: \$RACESBUL.330
Subject: RB 330 RACES Activation

From: W6WWW@KD6XZ.#NOCAL.CA.USA.NOAM
To : RACES@ALLUS

TO: ALL EMERGENCY MANAGEMENT AGENCIES VIA AMATEUR RADIO
INFO: ALL COMMUNICATIONS VOLUNTEERS IN GOVERNMENT SERVICE
INFO: ALL AMATEURS U.S (@USA: INFORMATION); CAP, MARS
FROM: CA GOVERNORS OFFICE OF EMERGENCY SERVICES
(W6SIG@WA6NWE.CA) Ph: 916-262-1600
2800 Meadowview Rd., Sacramento, CA 95832
Landline BBS Open to All: 916-262-1657

RELEASE DATE: June 13, 1994

RACESBUL.330 MGT - RACES Activation

Question: How is the RACES unit activated?

That's a good question. What is an activation? Is it a "callout" enmasse? Does it mean "all or nothing"? Is it a fifty year old idea of passing traffic by the basket-full? Or, could it be

different in today's world?

It could be that the idea of "all or nothing" comes from the call-out tree as used by emergency communications units. That is where the Radio Officer calls one to three key persons who then call 3 to 5 people, who then call three to five people, etc. That process works well; but it can imply a full scale callout to those unaware that scheduling of shifts begins as soon as a need is apparent.

Activation varies in practice. Furthermore, "activation" may not be just for radio operations but for other tasks, such as management, computer, phone or Public Safety system support, equipment delivery or installation.

State OES headquarters has an alert code of colors to signify different states of "alertness" or "activation" from an operations standpoint. Green means situation normal; yellow means a watch condition exists for the radio room and/or the personnel; orange means staffed with minimum duty personnel; red means staffed for a major incident and personnel should check in on a special phone line with their availability status. Our callout is always selective; that is, the talents, skills and experiences needed vary from incident to incident. We select from our roster database those most likely to fit the need, and then proceed to setup schedules from the responses. Only in a major disaster does a limited group report to the HQ facility without callout. At State OES it can range from "we need help over here" to a written request to the program coordinator or the chief radio officer.

How it works elsewhere depends on who has the authority to activate, and the degree of trust that exists between the people involved. In new units it can be very formal. In units where the people have worked closely, it can be very informal. To government emergency management agency staff, activation of an EOC is turning on the lights and calling in the people. For RACES, it will vary with the jurisdiction and the people involved.
eom

RACES Bulletins are archived on the Internet at ucsd.edu in hamradio/races or in hamradio/packet/tcpip/incoming and can be retrieved using FTP. The opinions stated are those of the author of the bulletin and not the poster.

Date: Sat, 11 Jun 1994 02:02:04 GMT
From: news.claremont.edu!paris.ics.uci.edu!csulb.edu!csus.edu!netcom.com!
jchandle@uunet.uu.net
Subject: VHF Maritime Outrage!!
To: info-hams@ucsd.edu

In article <1994Jun10.155646.6575@news.yale.edu> revco@YALE.EDU (Jim Revkin) writes:

>I'd be interested in hearing the group's feelings about new FCC
>licensing fees for VHF maritime transceivers. In my view this is
>an outrage. The availability of VHF Maritime transceivers should
>be facilitated, in my view, NOT impeded, for safety reasons. It
>--
>James H. Revkin, M.D. KA1QJ
>revco@revco.med.yale.edu

This is only the latest attempt by the Administration to raise money for the federal coffers. The fees for other licenses have also risen. The fee for the commercial radio licences has risen from \$35 to \$105 also. Can charging for amateur radio licenses be far behind? I don't think so. I predict that with 5 years all amateur will be paying something to apply for/renew their license.

Jim Chandler, N0VAH/AE
jchandle@netcom.com

Date: Sat, 11 Jun 1994 02:29:21 GMT
From: olivea!charnel.ecst.csuchico.edu!yeshua.marcam.com!zip.eecs.umich.edu!
umn.edu!csus.edu!netcom.com!n1gak@ames.arpa
Subject: VHF Maritime Outrage!!
To: info-hams@ucsd.edu

In article <jchandleCr7MzH.4II@netcom.com>, jchandle@netcom.com (James W Chandler III) writes:

> In article <1994Jun10.155646.6575@news.yale.edu> revco@YALE.EDU (Jim Revkin) writes:
> > [asks for opinions on VHF maritime license fee increase]
>
> This is only the latest attempt by the Administration to raise money for the
> federal coffers. The fees for other licenses have also risen. The fee
> for the commercial radio licences has risen from \$35 to \$105 also. Can
> charging for amateur radio licenses be far behind? I don't think so. I
> predict that with 5 years all amateur will be paying something to
> apply for/renew their license.
> Jim Chandler, N0VAH/AE

> jchandle@netcom.com

This is probably an unpopular sentiment, but here goes:
AFAIK the US is the ONLY nation that charges \$0.00 for a life-time
amateur license.

If kicking in a pittance every year (and, face it, genetlpersons, \$7
per annum is NOT a huge sum of money .. less than 2 cents per day;
heck, I lose that much behind the sofa) will warm the cockles/coffers
of our government, and maybe make them just a TEENY bit more
responsive to us, then it's a good thing.

Remember: The amateur service is a big sink to the FCC ... we provide
nothing of significant value any more, and we're sitting on hundreds
of megahertz of valuable bandwidth.

How many licensed hams are there in the US now? 200,000 maybe? At \$7
per ham per year, we're paying merely \$1,400,000 p.a. rent on a LOT of
real estate...

I'm vaguely upset that for administrative reasons they chose to charge
the ten years in advance. I can imagine a young ham having some
difficulty scraping up that money, but if you are like me, or most of
my ham buddies, kicking in the \$70 for a new ham's license would make
a great "welcome to ham radio" gift. Go without a new doodad for a
few more weeks.

A friend of mine and I scrounge the swap-fests and pick up all of the
IC-2ATs and 4ATs that we can find. When a young person we know gets a
license, but can't afford a radio, [s]he's given one on 'permanent
loan'. I suppose we've spent about \$700 each doing this, but I
consider it just a part of my obligation to keeping ham-radio alive.

Scott

P.S. This really kinda goes against my nature -- I'm usually a rabid
libertarian.

Date: (null)
From: (null)

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or in hamradio/packet/tcpip/incoming and can be retrieved using FTP. The
opinions stated are those of the author of the bulletin and not the poster.

End of Info-Hams Digest V94 #652
